

ABSTRACT

An electrode array (30) which is able to be inserted to a desired depth within the cochlea to provide useful percepts for the recipient which will also preferably not cause damage to the sensitive structures of the cochlea. The electrode array (30) is insertable through an opening in the cochlea and into at least the basal region of the cochlea and comprises an elongate carrier (31) having a proximal end, a distal end, and a plurality of electrodes (32) supported by the carrier at respective spaced locations thereon in a region between the proximal end and the distal end. A stabilising collar (35) extends outwardly from the elongate carrier (31) at or adjacent a proximal end thereof and has an abutment surface adapted to abut a portion of the cochlea surface around the cochleostomy and at least substantially prevent movement of the carrier (31) following completion of insertion of the array (30) into the cochlea.